

Converting Colors

YUV(165.8940, -26.5697,
-64.8050)

Have a look what the booklet for
YUV(165.8940, -26.5697, -64.8050)
contains.

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Color

**YUV(165.8940, -26.5697,
-64.8050)**

Conversions

Conversions Part 1

Format	Color
Hex	5CD670
RGB	92, 214, 112
RGB Percent	36%, 84%, 44%
CMY	0.6392, 0.1608, 0.5608
CMYK	0.57, 0.00, 0.48, 0.16
HSL	130°, 60%, 60%
HSV	130°, 57%, 84%
XYZ	31.3848, 51.5383, 23.6230
YIQ	165.8940, -39.9700, -57.5860

Conversions

Conversions Part 2

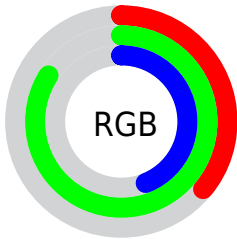
Format	Color
RYB	92, 197, 214
Decimal	6084208
CIELab	77.00, -55.29, 40.17
CIElCh	77, 68.342, 143.996
Yxy	51.5383, 0.2946, 0.4837
Android (android.graphics.Color)	4284274288 (0xFF5CD670)
YUV	165.8940, -26.5697, -64.8050
Hunter-Lab	71.7902, -47.5972, 30.7434

Details

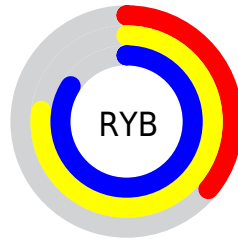
The YUV color **165.8940, -26.5697, -64.8050** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **140.1060, 26.5697, 64.8050**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.6440, -23.9815, -54.9388**, and **103.5870, -20.9954, -79.4448** is the 20% darker color. If you saturate the color by 10%, you get **157.5630, -31.3366, -75.9158**, and if you desaturate by 10%, it is **174.2250, -21.8029, -53.6943**.

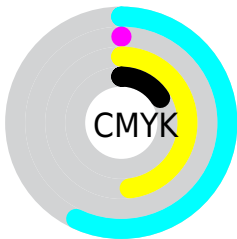
Distribution



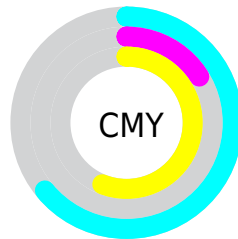
- Red (36%)
- Green (84%)
- Blue (44%)



- Red (36%)
- Yellow (77%)
- Blue (84%)



- Cyan (57%)
- Magenta (0%)
- Yellow (48%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.8940, -26.5697, -64.8050 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 165.8940, -26.5697, -64.8050 by changing the saturation by 10% instead.

■ 165.8940,
-26.5697, -64.8050

■ 165.8940,
-26.5697, -64.8050

■ 255.0000, 0.0000,
0.0000

■ 136.9260,
-25.1065, -67.4641

■ 213.6440,
-23.9815, -54.9388

■ 103.5870,
-20.9954, -79.4448

■ 225.8060,
-16.1734, -39.2949

■ 81.0010, -22.1855,
-71.0379

■ 237.9680, -8.3652,
-23.6509

■ 62.4330, -27.3285,
-54.7537

■ 250.2440, -0.1203,
-8.1070

■ 46.9600, -23.1513,
-41.1839

■ 32.8720, -16.2059,
-28.8287

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 165.8940,
-26.5697, -64.8050

■ 165.8940,
-26.5697, -64.8050

■ 157.5630,
-31.3366, -75.9158

■ 174.2250,
-21.8029, -53.6943

■ 148.9330,
-35.9560, -87.6412

■ 182.8550,
-17.1835, -41.9688

■ 140.6020,
-40.7228, -98.7520

■ 191.1860,
-12.4167, -30.8581

■ 131.9720,
-45.3422, -110.4774

■ 199.8160, -7.7973,
-19.1326

■ 129.6080,
-46.6417, -113.6662

■ 208.0330, -3.4673,
-7.9219

■ 216.3640, 1.2995,
3.1888

■ 224.9940, 5.9190,
14.9143

■ 230.9330, 11.8650,
21.1068

Harmonies

Analogous

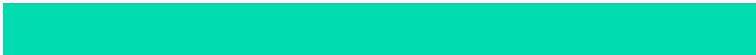
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



177.8960, -56.1507, -3.4168



165.8940, -26.5697, -64.8050



149.0900, 12.7736, -130.7519

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



165.8940, -26.5697, -64.8050



147.0570, 53.2159, -128.9690



172.2650, -14.9206, 72.5586

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



165.8940, -26.5697, -64.8050



140.1060, 26.5697, 64.8050

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



177.8000, 13.9026, 67.7044



165.8940, -26.5697, -64.8050



184.6740, 34.6707, -13.7461

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



165.8940, -26.5697, -64.8050



155.2750, 49.1644, -136.1762



194.5390, 29.8073, 53.0243



179.0230, -44.8743, 66.6318

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



165.8940, -26.5697, -64.8050



154.6930, 31.7034, -135.6658



194.5390, 29.8073, 53.0243



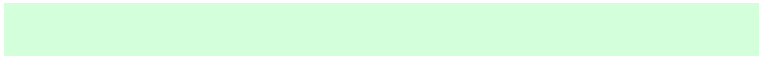
172.3110, -4.5903, 72.5183

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



165.8940, -26.5697, -64.8050



238.0390, -9.3862, -22.8362



194.7100, -50.6360, 1.1313



117.7180, -5.7770, -13.7847



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



165.8940, -26.5697, -64.8050



186.7430, -37.8343, -91.8596



172.6200, -0.7987, -70.7037



102.6850, -2.3097, -5.8627



103.5690, -37.2555, -90.8300



26.0390, -9.3862, -22.8362

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



140.1060, 26.5697, 64.8050



150.2570, 37.8343, 91.8596



133.3800, 0.7987, 70.7037



100.3150, 2.3097, 5.8627



67.4310, 37.2555, 90.8300



16.9610, 9.3862, 22.8362

Previews

White Background



This preview shows how the YUV color 165.8940, -26.5697, -64.8050 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 165.8940, -26.5697, -64.8050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 165.8940, -26.5697, -64.8050 Background



This preview shows how black text looks on a background with the YUV color 165.8940, -26.5697, -64.8050.



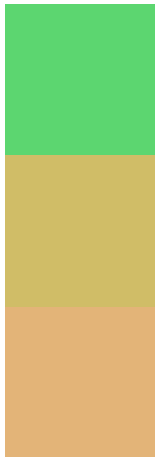
This preview shows how white text looks on a background with the YUV color 165.8940, -26.5697, -64.8050.

-64.8050.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

165.8940, -26.5697, -64.8050

Protanopia

184.8770, -40.3654, 20.2789

Deuteranopia

187.2130, -33.1360, 34.8932



Tritanopia

179.0070, 19.2235, -52.6261

Trichromacy



Original Color

165.8940, -26.5697, -64.8050



Protanomaly

177.9440, -35.4684, -10.4749



Deuteranomaly

179.2640, -30.6962, -1.1085



Tritanomaly

173.9190, 2.5049, -56.9340

Monochromacy



Original Color

165.8940, -26.5697, -64.8050



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

165.6260, -9.6756, -23.3510

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8940, -26.5697, -64.8050 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(92, 214, 112)` looks like.

```
.text, #text, p{  
    color:rgb(92, 214, 112)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(92, 214, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 214, 112) }
```

Border

The CSS property to change the border of an element to YUV 165.8940, -26.5697, -64.8050 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(92, 214, 112) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(92, 214, 112) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(92, 214, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 214, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 214, 112);  
box-shadow:4px 4px 4px 4px rgb(92, 214,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 165.8940, -26.5697, -64.8050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 214, 112) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(92, 214,  
112) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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